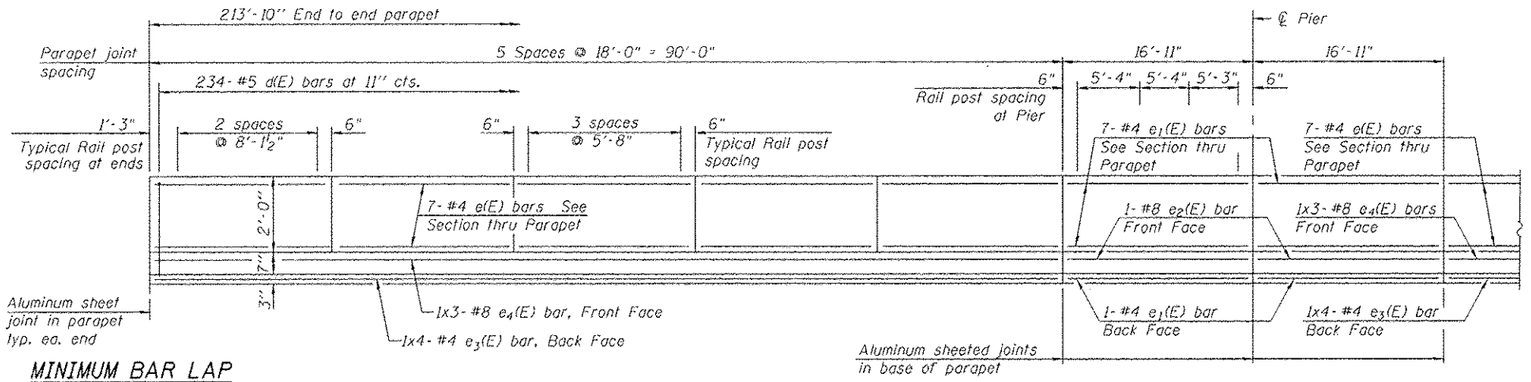
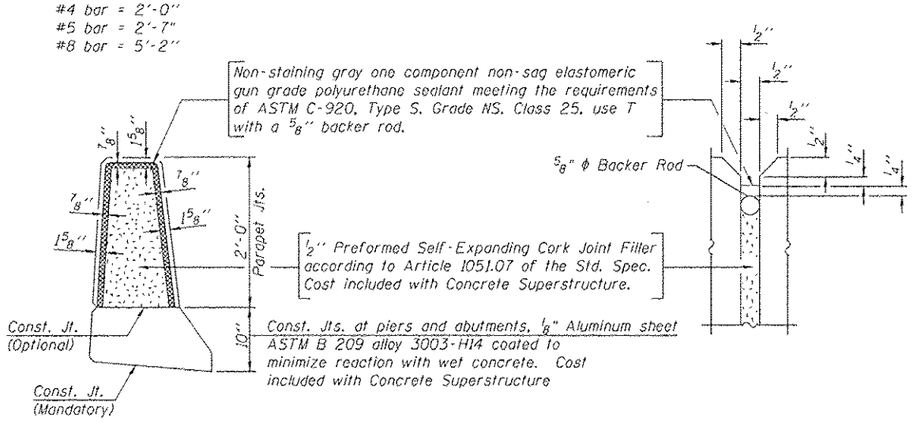


MINIMUM BAR LAP

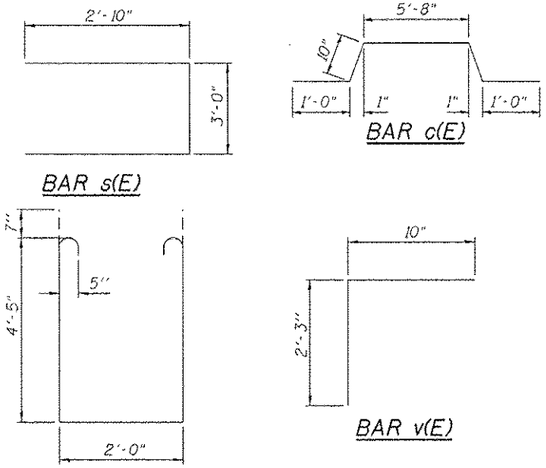
(Parapet)

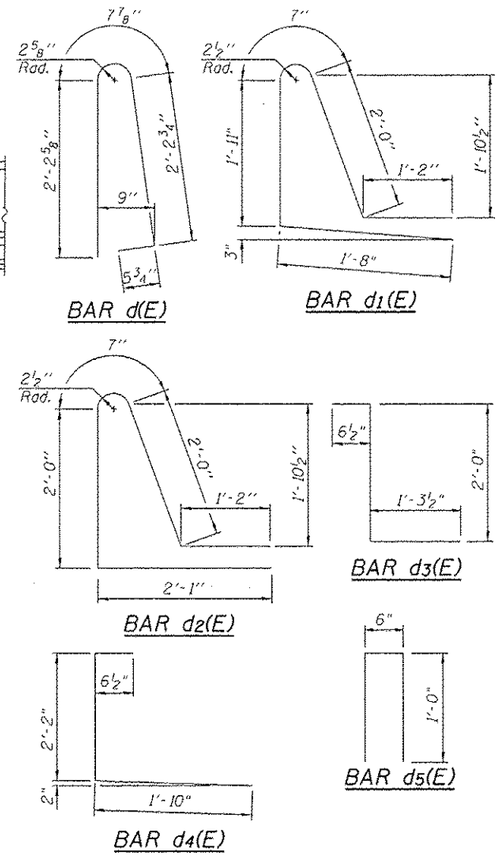
#4 bar = 2'-0"
#5 bar = 2'-7"
#8 bar = 5'-2"



PARAPET JOINT DETAILS

INSIDE ELEVATION OF PARAPET

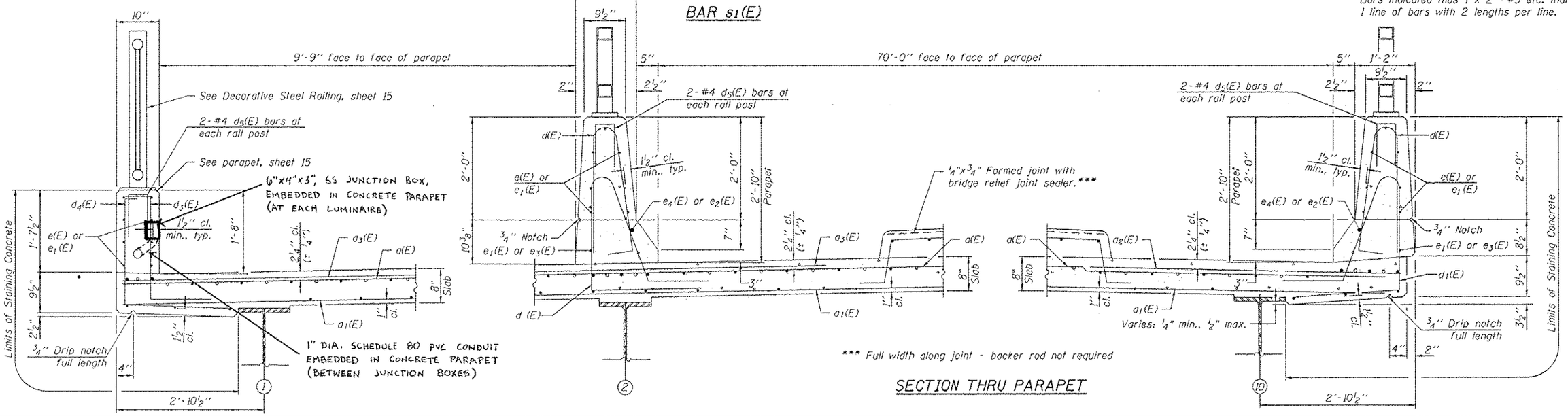




SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1028	#5	43'-6"	
a1(E)	906	#5	30'-1"	
a2(E)	514	#6	6'-6"	
a3(E)	514	#6	15'-3"	
b(E)	602	#5	33'-4"	
b1(E)	166	#6	34'-0"	
b2(E)	680	#5	29'-7"	
c(E)	215	#5	9'-4"	
d(E)	468	#5	5'-7"	
d1(E)	234	#5	7'-4"	
d2(E)	234	#5	7'-10"	
d3(E)	215	#5	3'-10"	
d4(E)	215	#5	4'-7"	
d5(E)	244	#4	2'-6"	
e(E)	220	#4	17'-8"	
e1(E)	48	#4	16'-7"	
e2(E)	4	#8	16'-7"	
e3(E)	16	#4	24'-5"	
e4(E)	12	#8	33'-5"	
m(E)	24	#6	30'-6"	
m1(E)	72	#6	8'-4"	
m2(E)	16	#6	2'-6"	
m3(E)	80	#5	4'-0"	
s(E)	174	#5	8'-8"	
s1(E)	156	#5	12'-0"	
v(E)	168	#5	3'-1"	
Reinforcement Bars, Epoxy Coated			Pound	164,160
Concrete Superstructure			Cu. Yd.	631.8
Bridge Deck Grooving			Sq. Yd.	1426
Protective Coat			Sq. Yd.	2157.0
Staining Concrete Structures			Sq. Ft.	2205

Bars indicated thus 1 x 2 -#5 etc. indicates 1 line of bars with 2 lengths per line.



SECTION THRU PARAPET

FILE NAME = 1000899-978221-010-Super.dgn	USER NAME = mfox	DESIGNED - DF	REVISED -
CH2MHILL.		CHECKED - JE	REVISED -
	PLOT SCALE = 8.1667 ' / in.	DRAWN - AK	REVISED -
	PLOT DATE = 3/12/2014	CHECKED - JE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 100-0099
SHEET NO. 10 OF 27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(1-3)R-2,,N-4,,TS-4,,HBK-1	WILLIAMSON	733	367
	DRAWING NO. BR-10	CONTRACT NO. 78221		
		ILLINOIS FED. AID PROJECT		